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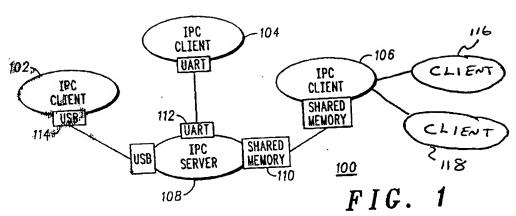
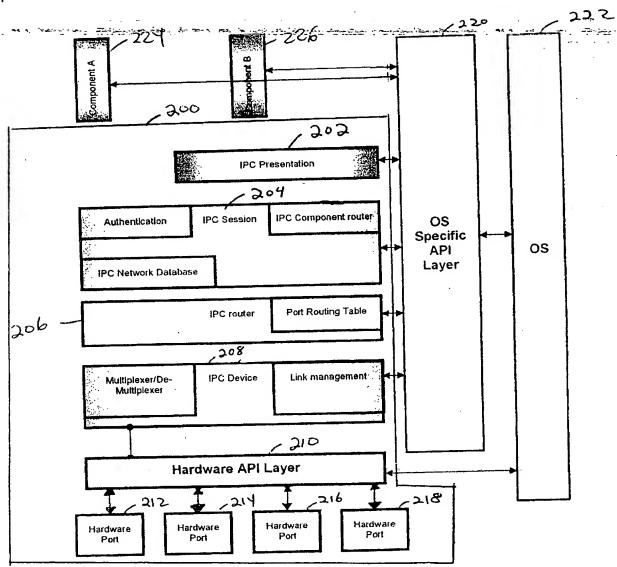


FIG. 2



F16.3

Rout	ter Control High	1
Rou	ter Control Low	/
Sou	rce IPC Addres	6 
Destin	ation IPC Addre	ess
	Checksum	
Source	IPC Componen	it ID
Destinatio	กิบตัวก่อวี วๆ! คร	ệnt (Ď °
MSG Leng	th = msg lengt	HIGH
MSG Leng	rth = msg lengti	h LOW
ISG Opco	de = meg opcod	e HIGH
ISG Opco	de = meg opcod	te LOW
IPC I	Data = msg data	

300

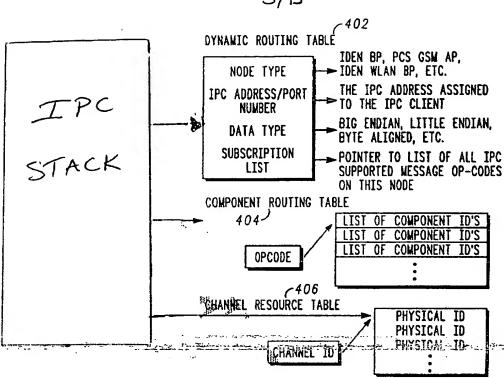
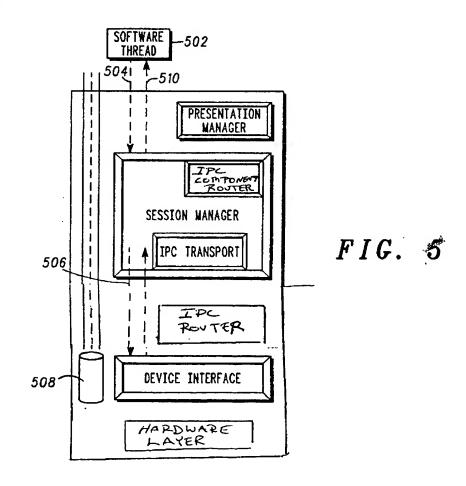
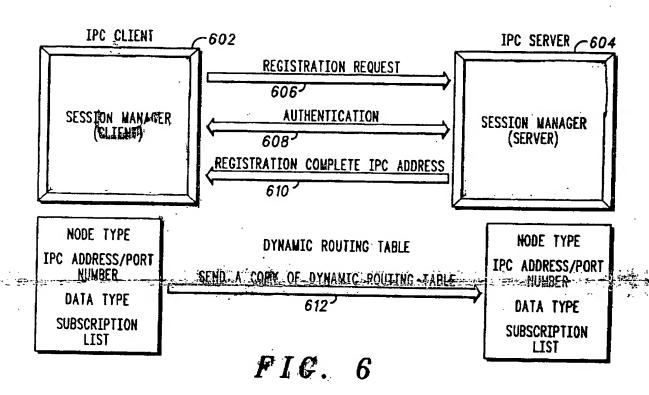


FIG. 4





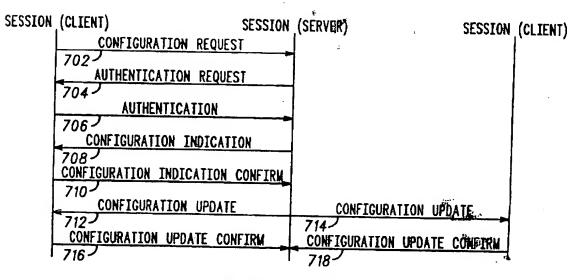
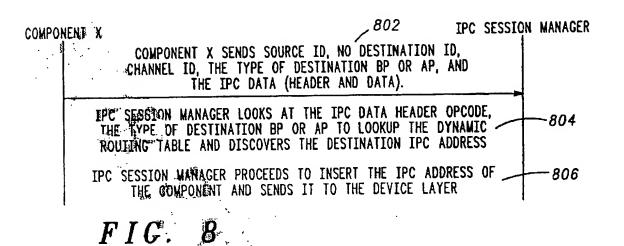
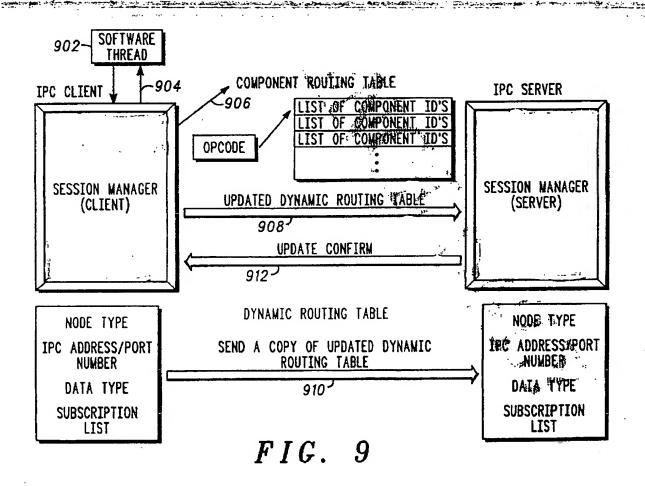
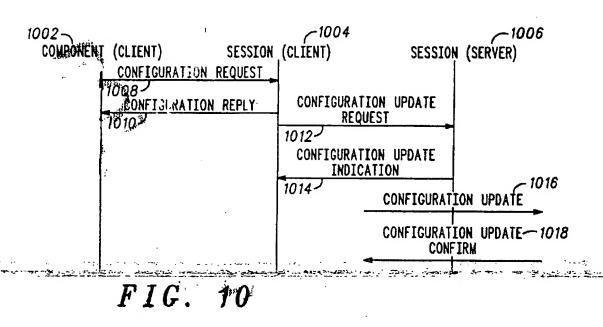
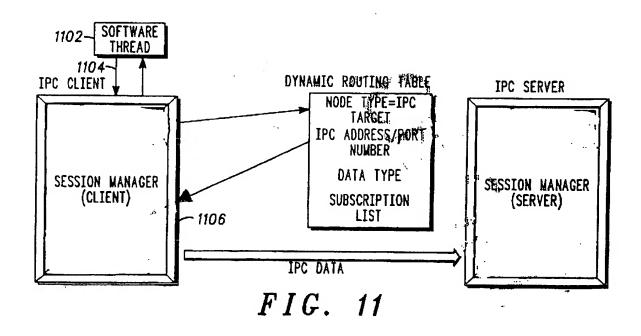


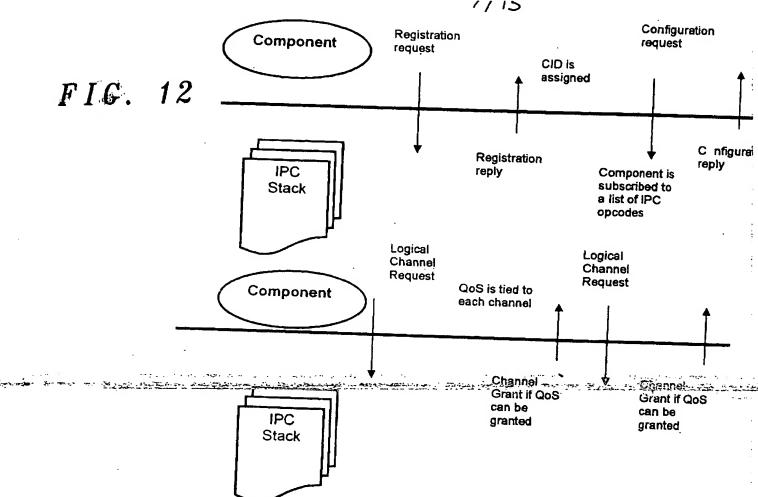
FIG. 7











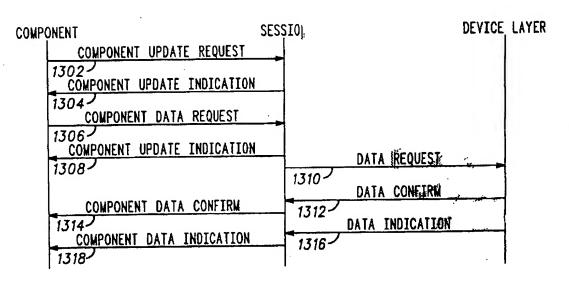
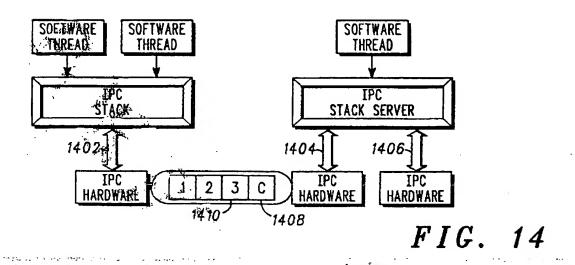
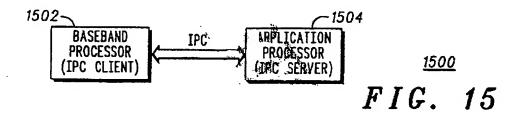
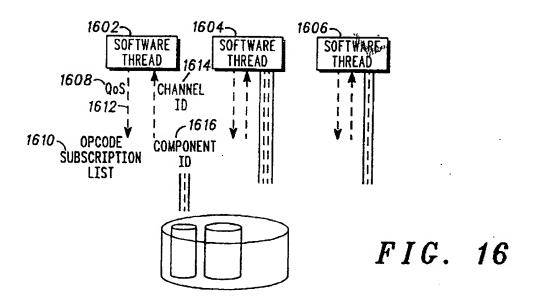


FIG. 13







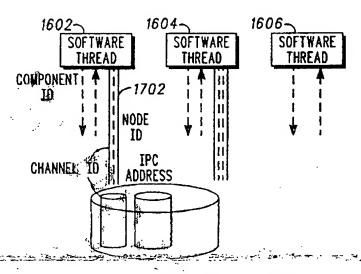


FIG. 17

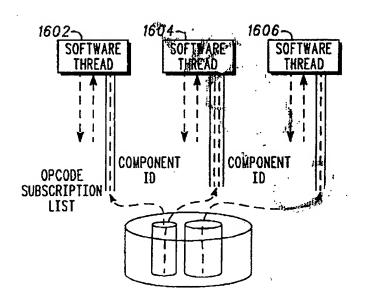
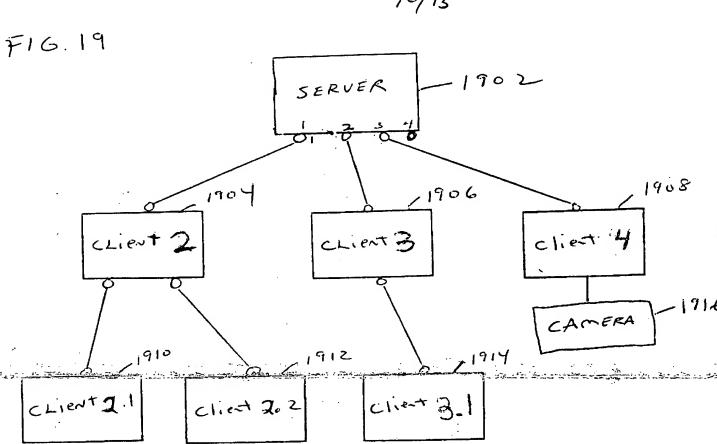


FIG. 18



F16.22

Port #	IPC ADDREWES	
i	0-31	
2	32-64	
3	65-127	
4		
	61	
	O	
	6	
\ c	<b>#</b>	

Clie	n t	C lie Ser	:
	Clients and Servers Enumerate All Hardware Ports	their	
	IPC Address Assignment Requ	ost	
Client 2:1	All Clients Broadcast their Configurequests and pend waiting on repl	ration y	Client 3
Client 3:1	All Clients and Servers create Net Routing Tables for all enumerated	work ports.	Client 4  Clients 2, 3 and 4 cannot reply to subclients yet. They need to be assigned IPC addresses first before the router in those clients can forward the messages to the right port. It will not broadcast the messages.
		بد تنجت برينس	Server Server Divides all available IPC addresses over Total number of its hardware ports  Server Divides all available IPC addresses over Total number of its hardware ports  Server Divides all available IPC addresses over Total number of the Server of t
Client 2	Client 2 gets IPC addresses (0-31) Client 2 gets the IPC_address on to list => IPC_address = 31	poithe	Server fills the Network Routing Table. This table contains an IPC_address to Hardware Port Mapping.
Client 3	Client 3 gets IPC addresses (32-64 Client 3 gets the IPC_address on to list => IPC_address = 64	) op of the	
Client 4	Client 4 gets IPC addresses (65 Client 4 gets the IPC address on to list => IPC address = 127	-127)	
			Client 2 Client 3 Client 4 Client Divides all available IPC addresses over Total
			number of its hardware ports.  Client fills the Network Routing Table. This table contains an IPC_address to Hardware Port Mapping.

## F16.21

CI	lent	ent/ rver
		Client 2 Client 3 Client 4
C lient 2:1	Client 2:1 gets IPC addresses (0-15) Client 2:1 gets the IPC_address on top of the list => IPC_address = 15	Client Divides all available IPC addresses over Total number of its hardware ports.
C lient 2:2	Client 2:2 gets IPC addresses (16-30) Client 2:2 gets the IPC_address on top of the list => IPC_address = 30	Client fills the Network Routing Table. This table contains an IPC_address to Hardware Port Mapping.
Client 3:1	Client 3:1 gets IPC addresses (32-63) Client 3:1 gets the IPC_address on top of	The Camera interface is through the Hes layer. The camera interface is through the Hes layer. The directly with the component. The component will forward or receives opcodes related to the Camera interface.
send I	/Server Device Layer Ready Message to on Manager	-

F16.23

Port #	STATUS	
1	Dedicated	
2	Dedicated	
3	Not Dedicated	
•	0	
	0	
1		

2300

F16.24

